

## National Functional Guidelines Report #03

**Lab** MITKEM(Mitkem Laboratories)   **SDG** Y9450   **Case** 43789   **Contract** EPW11033   **Region** 9   **DDTID** 183137   **SOW** SOM01.2

### *Data Review Reports*

Continuing Calibration Verification

Continuing Calibration Verification	VOA_Trace
VTC8	The following trace volatile samples are associated with an opening or closing CCV percent difference (%D) outside criteria.   Detected compounds are qualified J.   Nondetected compounds are qualified UJ.
	VBLKG5, Y9459, Y9460, Y9461, Y9462, Y9464, Y9465
	<b>Vinyl chloride</b> VSTD005G5
	VBLKG5, Y9459, Y9460, Y9461, Y9462, Y9464, Y9465

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DMC/Surrogate

DMC/Surrogate	VOA_Trace
VTDSS3	The following trace volatile samples have one or more DMC/SMC recovery values is less than the primary lower limit but greater than or equal to the expanded lower limit of the criteria window. Detected compounds are qualified J. Nondetected compounds are qualified UJ.
	Y9451, Y9453, Y9454, Y9455, Y9456, Y9456DL, Y9458, Y9461DL, Y9462DL, Y9464DL, Y9465, Y9465DL
	<b>Benzene-d6</b> Y9453, Y9456DL, Y9461DL, Y9464DL, Y9465DL
	Benzene
	<b>1,2-Dichloropropane-d6</b> Y9453, Y9456DL, Y9461DL, Y9462DL, Y9464DL, Y9465, Y9465DL
	<b>1,1,2,2-Tetrachloroethane-d2</b> Y9451, Y9453, Y9454, Y9455, Y9456, Y9458, Y9464DL, Y9465, Y9465DL
DMC/Surrogate	VOA_Trace
VTDSS3201	The following diluted trace volatile samples with dilution factors less than or equal to 5 have one or more DMC/SMC recovery values is less than the primary lower limit but greater than or equal to the expanded lower limit of the criteria window. Detected compounds are qualified J. Nondetected compounds are qualified UJ.
	Y9464DL
	<b>Benzene-d6</b> Y9464DL
	Benzene
	<b>1,2-Dichloropropane-d6</b> Y9464DL
	<b>1,1,2,2-Tetrachloroethane-d2</b> Y9464DL
DMC/Surrogate	VOA_Trace
VTDSS323	The following diluted trace volatile samples with dilution factors greater than 5 have one or more DMC/SMC recovery values is less than the primary lower limit but greater than or equal to the expanded lower limit of the criteria window. Detected and nondetected compounds are not qualified.
	Y9456DL, Y9461DL, Y9462DL, Y9465DL
	<b>Benzene-d6</b> Y9456DL, Y9461DL, Y9465DL
	Benzene
	<b>1,2-Dichloropropane-d6</b> Y9456DL, Y9461DL, Y9462DL, Y9465DL
	<b>1,1,2,2-Tetrachloroethane-d2</b> Y9465DL

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### Data Review Reports

Detection Limit

Detection Limit	VOA_Trace
VTDL1	The following volatile samples have analyte concentrations below the quantitation limit (CRQL).    Detected compounds are qualified J.    Nondetected compounds are not qualified.
	Y9450, Y9451, Y9453, Y9454DL, Y9455, Y9456, Y9457, Y9460, Y9461, Y9463, Y9464, Y9465, Y9465DL
	<b>Trichloroethene</b> Y9450, Y9454DL
	<b>Tetrachloroethene</b> Y9456, Y9461
	<b>cis-1,2-Dichloroethene</b> Y9465DL
	<b>1,1-Dichloroethene</b> Y9465
	<b>Toluene</b> Y9453, Y9455, Y9457
	<b>1,1,2-Trichloro-1,2,2-trifluoroethane</b> Y9451, Y9461, Y9463, Y9464
	<b>trans-1,2-Dichloroethene</b> Y9456
	<b>Benzene</b> Y9455
	<b>Vinyl chloride</b> Y9460

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### *Data Review Reports*

Matrix Spikes

Matrix Spikes	VOA_Trace
VTMS4	Volatile matrix spike and/or matrix spike duplicate data is missing for this SDG.   Detected and nondetected compounds are not qualified.
	Y9458, Y9458, Y9450, Y9450, Y9452, Y9452, Y9451, Y9451, Y9454, Y9454, Y9455, Y9455, Y9456, Y9456, Y9459, Y9459, Y9460, Y9460, Y9461, Y9461, Y9462, Y9462, Y9464, Y9464, Y9465, Y9465, Y9463, Y9463